

River Crest Levee and River Crest Lake

OWNER

Texas Power and Light Company.

ENGINEER (Design)

Ebasco Services, Inc., New York.

LOCATION

Off-channel reservoir in Red River County, 7 miles southeast of Bogata.

DRAINAGE AREA

Water is pumped from the Sulphur River.

DAM

Type	Earthfill circular dike
Length	14,770 ft
Height	23 ft
Top width	10 ft
Top elevation	335.0 ft above msl

SPILLWAY

Gate control returns surplus water to Sulphur River.

OUTLET WORKS

None. Water is circulated from reservoir to powerplant and back to reservoir.

POWER FEATURES

1 generating unit with a total capacity of 110,000 kw.

STATE AUTHORIZATION

Permit No. 1617 (Application No. 1747), April 22, 1952, authorizes storage of 7,100 acre-feet and annual use of 10,000 acre-feet of water from the Sulphur River.

RESERVOIR DATA (Based on area-capacity curves by Texas Power and Light Company dated September 2, 1953)

Capacity	7,000 acre-feet at elevation 328.0 ft above msl
Area	555 acres at elevation 328.0 ft above msl
Water level maintained by pumping from the Sulphur River.	

GENERAL

Construction started	April 22, 1953
Dam completed	November 1953
Impoundment began	November 1953
First generating unit began operation	June 1, 1954
General contractor	Smith and Robinson Construction Company

